

Color Range



Disclaimer : This is a guidance shade card only. Test before use. No warranty for damages of any form at your end including third party protective rights. We assure consistent quality of our products only. Subject to Pune (India) Jurisdiction only.

RTS – SERIES

Radiance-RTS series is amino sulphonamide formaldehyde based thermosetting series. This series has very bright eye catchy appearance.

RTS Series has wide applications as it offers :

- Excellent resistance to solvents, acids, alkalis and other chemicals.
- Very Bright Fluorescent effect with high colour strength.
- Minimal Dusting properties
- Good Dispersion properties
- High Thermal Resistance
- Compatibility with various natural and synthetic resins like natural gums, dextrine gums, CMC, ethyl hydroxy ethyl cellulose, NC, amino, polyester, PU, acrylic resins and many more.

Product Description :

Nature :

The highly thermosetting nature of this product gives it an excellent solvent resistance. Transparent in nature, with very good heat stability and fastness to migration and Bleeding.

Radiance fluorescent pigments as such are not classified in the Colour Index (C.I.)

Physical Properties and Light Fastness :

Softening & Melting	Thermoset non melting type
Temperature	Use up to 220°c. (Subject to Time, Temperature & Chemicals) Please note that the effect of heat is time and temperature sensitive.
Decomposition	280°c to 300°c
Average Particle Size	5 to 10 mm
Bulk Density	0.3 [m/v]
Light Fastness	On 1 to 5 scale it is 3 (Here again the micron size of the layer is very important as thicker layer is more resistant to light) Also direct sunlight damages the effect more. Product life is very good when used for indoor applications.

Storage :

We advice our users to avoid storing all kind of fluorescent pigments in direct sunlight. RTS series remains stable when stored in a dry place below 50°c. Maximum resistance to atmospheric conditions as well as resistance to chemicals is observed in Radiance RTS series.

Applications :

- Paints
- Textile Printing
- PVC Screen Printing inks
- Paper Coating
- Rubber Latex Colouring
- Candle / Crayons and other wax applications
- Idol colouring. Natural / synthetic gum based inks
- Acrylic water based inks
- Seed coating
- Security inks and paints

Radiance Colorchem Private Limited

1, Mukhtali, Lane 16, Bhandarkar Institute Road, Pune - 411 004. Maharashtra, India.
Tel. : +91 20 64005770 Fax : +91 20 25675257 www.radiancecolor.com